Quick Check Drive Thru with Quick Tread
Surface Mounted

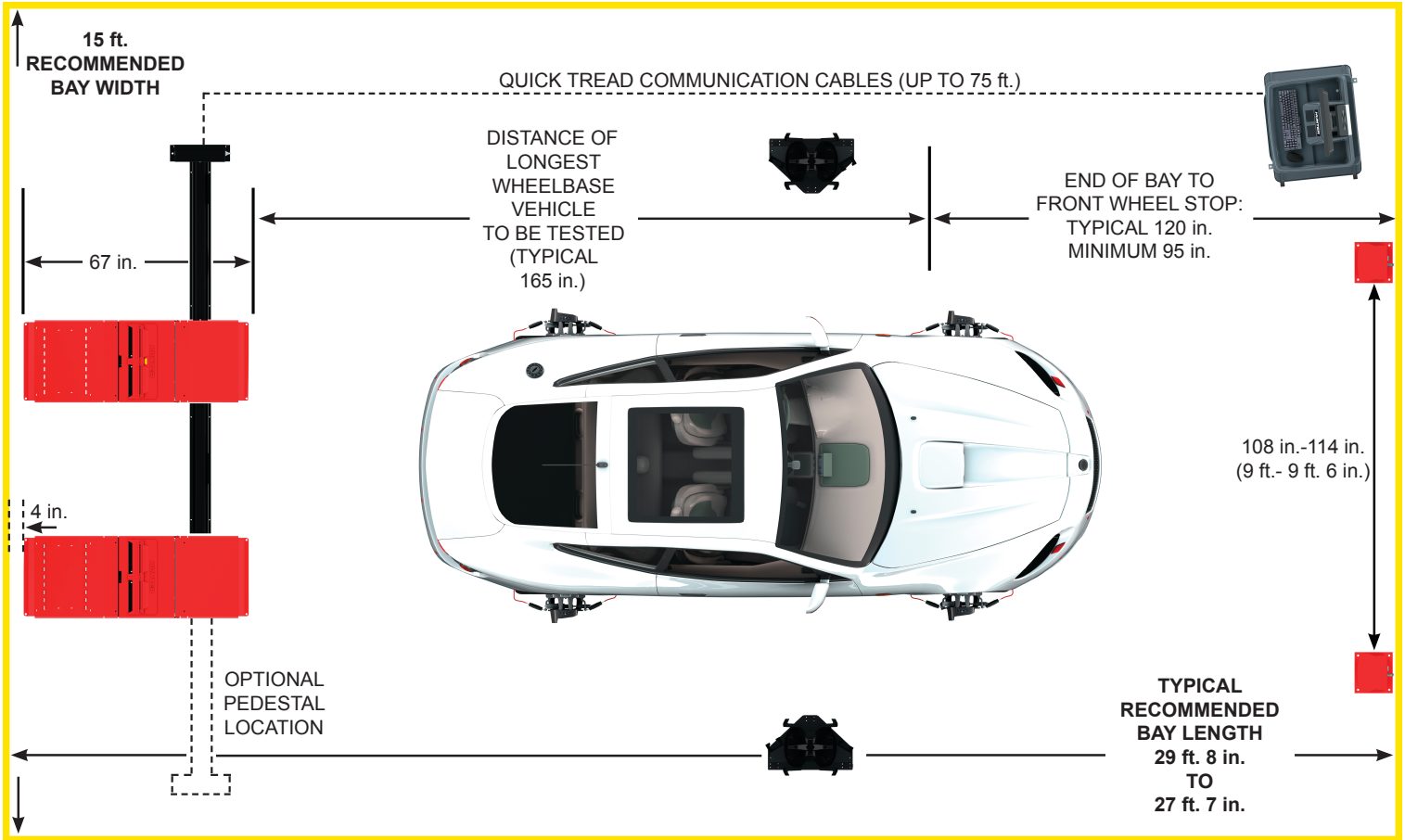
HUNTER Engineering Company

Drive Thru Quick Check and Quick Tread Installation

Site Specifications	
Power Requirements	115/230v, 15 amp* 50/60 Hz 1 ph‡
Air Supply Req. (IS Units)	90-150 PSI (6.2-10.3 bar)
Approximate Air Consumption	25 SCFM @ 90 PSI (648 Lpm @ 6.2 bar)
Min. Concrete Spec.	3 in. (76 mm) thick, 3000 PSI (20,700kPA) rating
Grout Spec.	only required when needed to level sensors
Max. Longitudinal Slope	1/4 in. per ft. (21 mm/m)
Max. Lateral Slope	1/16 in. per ft. (5 mm/m)
Pedestal Location	36-96 in. (914-2438 mm) from QT1
Product Specifications	
Max. Wheel Weight	3500 lb. (1588 kg) per wheel
Test Entry Speed	2 to 8 mph (3-13 km/h)
Shipping Weights	
Quick Check Cabinet	290 lbs (132 kg)
Quick Check Drive Thru Sensor	239 lbs (108 kg)
Quick Tread	530 lbs (241 kg)

**Amperage shown is minimal circuit rating.*
‡Isolated ground recommended.
See 6778-T for complete site specifications.

OVERALL FOOTPRINT


15 ft.
RECOMMENDED
BAY WIDTH
QUICK TREAD COMMUNICATION CABLES (UP TO 75 ft.)
DISTANCE OF LONGEST WHEELBASE VEHICLE TO BE TESTED (TYPICAL 165 in.)
END OF BAY TO FRONT WHEEL STOP: TYPICAL 120 in. MINIMUM 95 in.
67 in.
4 in.
108 in.-114 in. (9 ft.- 9 ft. 6 in.)
OPTIONAL PEDESTAL LOCATION
TYPICAL RECOMMENDED BAY LENGTH 29 ft. 8 in. TO 27 ft. 7 in.

Continued on Page 2

For inspection information visit:
www.hunter.com/inspection

For general inquiries visit:
www.hunter.com
or call
800 448-6848

For local contact visit:
www.hunter.com/company/findrep.cfm

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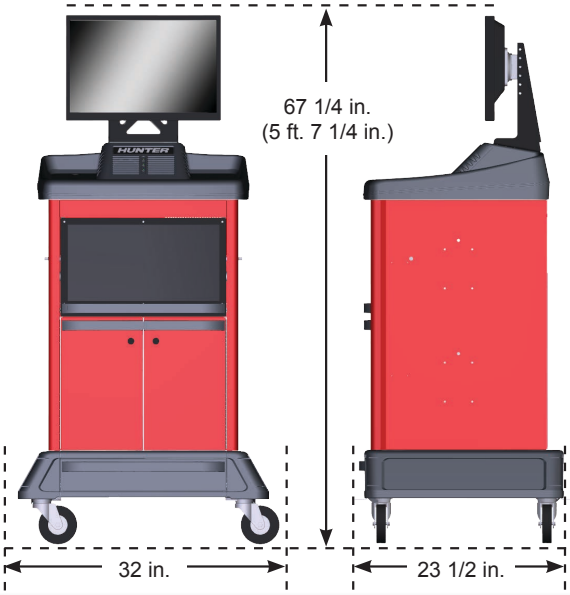
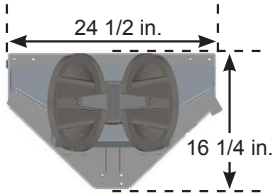
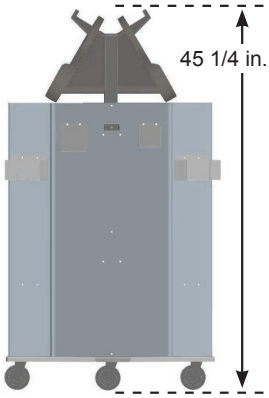
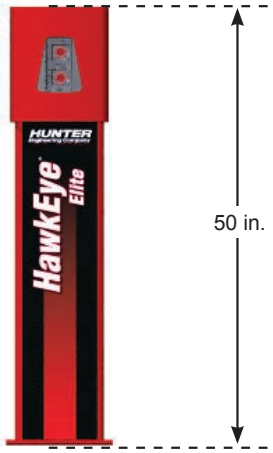
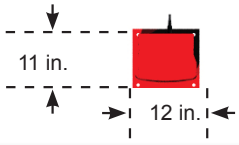
QUICK CHECK DIMENSIONS



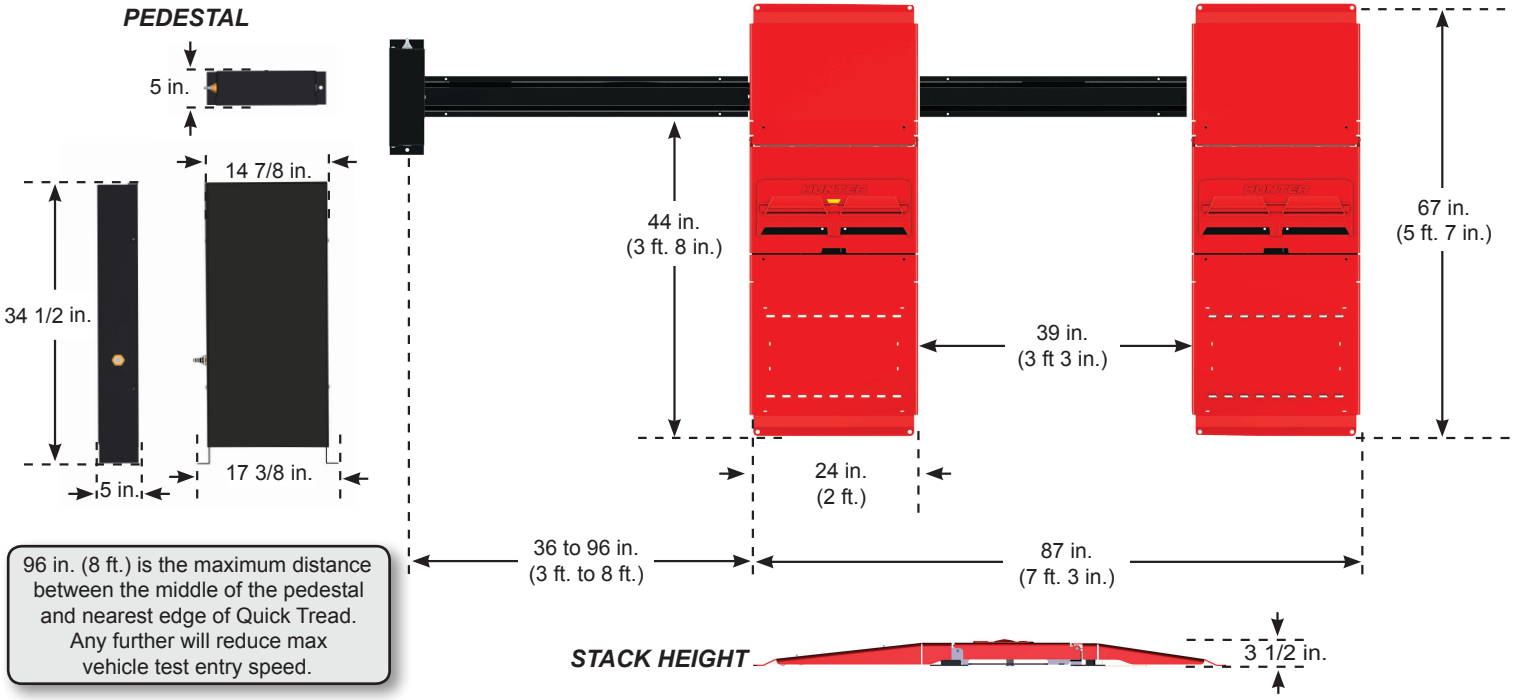








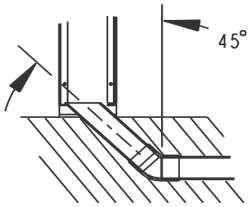
QUICK TREAD DIMENSIONS



96 in. (8 ft.) is the maximum distance between the middle of the pedestal and nearest edge of Quick Tread. Any further will reduce max vehicle test entry speed.

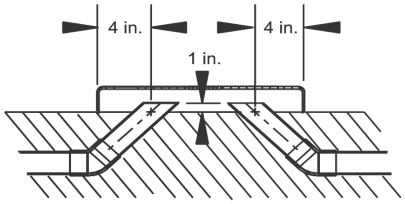
OPTIONAL IN-GROUND CONDUIT SPECIFICATIONS

PEDESTAL



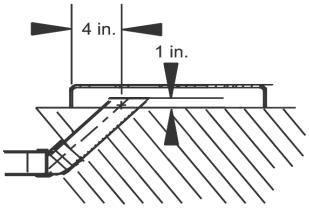
ROUTE 3 IN. MIN. DIAMETER CONDUITS (OR EQUIVALENT CLOSED CHANNEL) AS SHOWN

RAMP ONE



ROUTE CONDUIT FROM PEDESTAL TO FIRST EXIT RAMP. ROUTE A SECOND CONDUIT FROM FIRST RAMP TO SECOND RAMP.

RAMP TWO



CONDUIT UNDER EXIT RAMPS:
1 INCH ABOVE GROUND
4 INCHES FROM EDGE

Additional conduit from pedestal to console for a Burndy cable (max length of 75 feet), and two Cat5 cables may also be desired. Air supply to pedestal should also be considered.

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